

ER-2 - AFRC #809 08/13/19

Aircraft: [ER-2 - AFRC #809](#) ([See full schedule](#))

Flight Number: 19-9014

Payload Configuration: AirMSPI-1, AVIRIS-CL, CPL, eMAS (no scanhead), GCAS, NAST-I, S-HIS

Nav Data Collected: Yes

Total Flight Time: 3.2 hours

Submitted by: Brian Hobbs on 08/13/19

Flight Segments:

| | | | |
|--------------------|---|-----|-------------|
| From: | PMD | To: | PMD |
| Date: | 08/13/19 | | |
| Flight Time: | 3.2 hours | | |
| Log Number: | 192004 | PI: | Barry Lefer |
| Funding Source: | Barry Lefer - NASA - SMD - ESD Tropospheric Composition Program | | |
| Purpose of Flight: | Science | | |
| Miles Flown: | 1094 miles | | |
| Comments: | Takeoff time was 1354L and landed at 1705L. Accomplished two passes over Railroad Valley and four passes over the Springs Fire. Clear skies over Springs Fire. Northeasterly smoke plume, but not burning very vigorously. Air was smooth, no turbulence. Railroad Valley air was smooth, no turbulence. Air was mostly clear with few small puffy clouds. Greg Nelson was the pilot. | | |

Flight Hour Summary:

| | |
|--------------------------------|---------------|
| | 192004 |
| Flight Hours Approved in SOFRS | 70 |
| Total Used | 63.3 |
| Total Remaining | 6.7 |

192004 Flight Reports

| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|-------------------------------------|---------|-------------------|----------|---------------|-----------------|-------------|
| 08/01/19 | 19-9008 | Check | 1.7 | 1.7 | 68.3 | 646 |
| 08/02/19 | 19-9009 | Science | 4.3 | 6 | 64 | 1634 |
| 08/06/19 | 19-9010 | Science | 7.7 | 13.7 | 56.3 | 2012 |
| 08/07/19 | 19-9011 | Science | 7.1 | 20.8 | 49.2 | 2480 |
| 08/08/19 | 19-9012 | Science | 7.9 | 28.7 | 41.3 | 3015 |
| 08/12/19 | 19-9013 | Science | 2 | 30.7 | 39.3 | 760 |
| 08/13/19 | 19-9014 | Science | 3.2 | 33.9 | 36.1 | 1094 |
| 08/15/19 | 19-9015 | Science | 7 | 40.9 | 29.1 | 2013 |
| 08/16/19 - 08/17/19 | 19-9016 | Science | 6.8 | 47.7 | 22.3 | 2584 |
| 08/19/19 | 19-9017 | Science | 3.2 | 50.9 | 19.1 | 1216 |
| 08/20/19 | 19-9018 | Science | 5.7 | 56.6 | 13.4 | 961 |
| 08/21/19 | 19-9019 | Science | 6.7 | 63.3 | 6.7 | 1562 |

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

NASA Official: Bruce A. Tagg

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